

ABSTRACT

The invention relates to a process for the in situ preparation of chiral compounds derived from oxazaborolidine-borane complexes, wherein a metal
5 borohydride, a Lewis base and an inorganic acid ester are brought together and an optically active amino alcohol and optionally a halide are then added. The compound obtained is a complex that is useful as a catalyst in asymmetric reduction reactions. The reaction is performed by adding the substance to be reduced, particularly prochiral ketones or ether oximes, in order to synthesize chiral
10 alcohols or chiral amines.